863 Report of Test Results

Functional Group ID=RT

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Report of Test Results Transaction Set (863) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit the results of tests performed to satisfy a specified product or process requirement. This includes, but is not limited to, test data such as inspection data, certification data, and statistical process control measurements.

Notes:

1. Hazardous waste treatment, storage, and disposal facilities (TSDFs) use this transaction set to report disposal of hazardous waste.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
3	010	ST	Transaction Set Header	M	1		
4	020	BTR	Beginning Segment for Test Results	M	1		
6	040	REF	Reference Identification	O	12		
9	050	DTM	Date/Time Reference	O	10		
11	060	PID	Product/Item Description	O	200		
			LOOP ID - N1			>1	
13	080	N1	Name	O	1		
16	090	N2	Additional Name Information	O	2		
17	100	N3	Address Information	O	2		
18	110	N4	Geographic Location	O	1		
			LOOP ID - PER			>1	
19	130	PER	Administrative Communications Contact	O	1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LIN			>1	
21	010	LIN	Item Identification	O	1		
24	020	PID	Product/Item Description	O	1000		
26	034	QTY	Quantity	O	10		
28	040	DTM	Date/Time Reference	O	10		
30	050	REF	Reference Identification	O	1000		
			LOOP ID - N1			10	

33	051	N1	Name	O	1
34	052	N2	Additional Name Information	O	2
35	053	N3	Address Information	O	2
36	054	N4	Geographic Location	O	1

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
37	010	SE	Transaction Set Trailer	M	1		

Segment:	**ST** **Transaction Set Header**	
Position:	010	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the start of a transaction set and to assign a control number	
Syntax Notes:		
Semantic Notes:	1	The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			863 X12.41 Report of Test Results	
Must Use	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			A unique number assigned to this transaction set for control purposes. Usually assigned by the translation software. This is the same number that appears in SE02.	

Segment:	**BTR** Beginning Segment for Test Results	
Position:	020	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the beginning of a test results transaction set	
Syntax Notes:		
Semantic Notes:	**1**	If BTR01 equals "01", "02", "03", "04", "05", "18" or "19", then BTR06 is required to identify the original test report reference number transmitted.
	2	BTR02 is the date that this transaction set was created by the sending party.
	3	BTR03 is the time that this transaction set was created by the sending party.
	4	BTR05 specifies test results report reference number created by the sending party.
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	BTR01	353	**Transaction Set Purpose Code**	**M**	**ID 2/2**

Code identifying purpose of transaction set

00	Original

Use to indicate an original disposal report

01	Cancellation
05	Replace

Use to indicate that a change has been made to a previous transaction set. When used, all data, whether changed or not, must be retransmitted. When used, the re-transmitted data will overwrite the information in the receiving database.

07	Duplicate

Use to indicate the re-transmission of an original 863 transaction set.

Must Use	BTR02	373	**Date**	**M**	**DT 6/6**

Date (YYMMDD)

1. Use to indicate the transaction set creation date.

2. This date corresponds to the Universal Time Coordinate (UTC).

Must Use	BTR03	337	**Time**	**O**	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

> *1. Express the originating organization's time in UTC.*
>
> *2. Express time in a four-position (Hour Hour Minute Minute) format.*

| Must Use | BTR04 | 755 | **Report Type Code** | **O** | **ID 2/2** |

Code indicating the title or contents of a document, report or supporting item

> TP   Treatments Certificate
>
> Form required for New Zealand and Australia that states that the container has been cleaned prior to loading shipment and certifies that no straw, rice hulls, or similar plant materials were used as packing materials

| Must Use | BTR05 | 127 | **Reference Identification** | **O** | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Must use to identify a unique transaction number assigned by the transmitting organization.

| | BTR06 | 127 | **Reference Identification** | **O** | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Must use if BTR01 is code 01 or 05 to identify the transaction number of the original transaction. This was the number carried in BTR05 of that transaction.

| Not Used | BTR07 | 786 | **Security Level Code** | **O** | **ID 2/2** |

Code indicating the level of confidentiality assigned by the sender to the information following

Segment:	**REF** Reference Identification	
Position:	040	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	12	
Purpose:	To specify identifying information	
Syntax Notes:	1	At least one of REF02 or REF03 is required.
	2	If either C04003 or C04004 is present, then the other is required.
	3	If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1	REF04 contains data relating to the value cited in REF02.
Comments:		
Notes:		

1. Use this 1/REF/040 segment to identify contract, and container information when the information applies to ALL line items. When the information varies by line item use the 2/REF/050.

2. Also use this segment to identify item identification when there is only a single line item. When there is more than one line item use the 2/REF/050 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

 98 Container/Packaging Specification Number

A numeric or alphanumeric identification assigned to a unique packaging/container configuration

1. Use to identify the types of containers.

2. Typically use a code from part 1 to identify the type of container with a code from part 2 to identify the material (e.g., DRM58 would be a metal drum). However, part 1 codes BRG, TKR, TNK, and VEH are used with a part 2 code. See Appendix A for more information regarding container types.

Part 1.
BAG
BOX
CYL - Cylinder
DRM - Drum

Part 2

> *07 - Burlap*
> *13 - Cloth*
> *31 - Fibre*
> *37 - Fiberboard*
> *58 - Metal*
> *79 - Plastic*
> *94 - Wood*
>
> *For the following, no Part 2 is used:*
>
> *BRG - Barge*
> *TKR - Tank car*
> *TKT - Tank truck*
> *TNK - Tank trailer*
> *VEH - Dump truck*

		W1		Defense Turn-In Document Number		

Identifies material submitted for reutilization and marketing

> *Must use for Defense Re-utilization and Marketing Service (DRMS) disposals of a single item to indicate the Defense Turn-in Document Number (DTID).   When reporting the disposal of multiple line items use the 2/REF/050 segment.*

Must Use	**REF02**	**127**	**Reference Identification**	**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	**REF03**	**352**	**Description**	**X**	**AN 1/80**

A free-form description to clarify the related data elements and their content

	REF04	**C040**	**Reference Identifier**	**O**	

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

Must Use	**C04001**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**

Code qualifying the Reference Identification

DO   Delivery Order Number

> *Use with REF01 code W1 to indicate the specific delivery order issued under the contract specified in REF02.*

Must Use	**C04002**	**127**	**Reference Identification**	**M**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	**C04003**	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**

Code qualifying the Reference Identification

Not Used	**C04004**	**127**	**Reference Identification**	**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used   C04005   128   Reference Identification Qualifier   X   ID 2/3

Code qualifying the Reference Identification

Not Used   C04006   127   Reference Identification   X   AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	**DTM** Date/Time Reference	
Position:	050	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1	At least one of DTM02 DTM03 or DTM06 is required.
	2	If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:		
Comments:		
Notes:	*Use this 1/DTM/050 segment to indicate various dates associated with the disposal when the date is the same for ALL line items. Use the 2/DTM/040 segment for any date that varies by line item.*	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M	ID 3/3
			Code specifying type of date or time, or both date and time		
			009	Process	
				Use to indicate the date of disposal.	
			050	Received	
				Use to indicate the date received at the final TSDF.	
Must Use	DTM02	373	**Date**	X	DT 6/6
			Date (YYMMDD)		
Not Used	DTM03	337	**Time**	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	DTM04	623	**Time Code**	O	ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
	DTM05	624	**Century**	O	N0 2/2
			The first two characters in the designation of the year (CCYY)		
Not Used	DTM06	1250	**Date Time Period Format Qualifier**	X	ID 2/3
			Code indicating the date format, time format, or date and time format		
Not Used	DTM07	1251	**Date Time Period**	X	AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		

Segment:	**PID** Product/Item Description
Position:	060
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format

Syntax Notes:	1	If PID04 is present, then PID03 is required.
	2	At least one of PID04 or PID05 is required.
	3	If PID07 is present, then PID03 is required.
	4	If PID08 is present, then PID03 is required.

Semantic Notes:	1	Use PID03 to indicate the organization that publishes the code list being referred to.
	2	PID04 should be used for industry-specific product description codes.
	3	PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
	4	PID09 is used to identify the language being used in PID05.

Comments:	1	If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
	2	Use PID06 when necessary to refer to the product surface or layer being described in the segment.
	3	PID07 specifies the individual code list of the agency specified in PID03.

Notes: *1. Use this 1/PID/060 segment to identify the waste code(s) and handling code(s) when ALL the code(s) apply to ALL line items. When the codes vary by line item use the 2/PID/020 segment.*

2. Use multiple occurrences as needed to identify multiple waste and handling codes.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use PID01	**349**	**Item Description Type**	**M ID 1/1**

Code indicating the format of a description

F	Free-form	

Use as needed to provide additional descriptive information not available by coded sources. Use in conjunction with PID02 code STL and PID05.

S	Structured (From Industry Code List)	

Use to indicate EPA waste and handling codes from industry code lists. Use in conjunction with PID02 codes HZ, NH, and WT and PID04.

Ref. Des.	Data Element	Name	Attributes
Must Use PID02	**750**	**Product/Process Characteristic Code**	**O ID 2/3**

Code identifying the general class of a product or process characteristic

HZ	Hazardous Material	

Use with PID04 to indicate the handling code (treatment code).

NH	Non-Hazardous Material

Use with PID04 to indicate the handling code.

STL	State Controlled

Use to indicate the applicable State waste code(s). Use in conjunction with PID01 code F. Cite the U.S. Postal Service (USPS) abbreviation for the applicable state followed by a dash and then specific code in PID05.

WT	Waste

Use to indicate the EPA waste code. Use in conjunction with PID01 code S and PID03 code EP. Use PID04 to identify the specific waste code.

PID03 559 **Agency Qualifier Code**   X   **ID 2/2**

Code identifying the agency assigning the code values

EP   United States Environmental Protection Agency (EPA)

PID04 751 **Product Description Code**   X   **AN 1/12**

A code from an industry code list which provides specific data about a product characteristic

PID05 352 **Description**   X   **AN 1/80**

A free-form description to clarify the related data elements and their content

Not Used **PID06** 752 **Surface/Layer/Position Code**   O   **ID 2/2**

Code indicating the product surface, layer or position that is being described

Not Used **PID07** 822 **Source Subqualifier**   O   **AN 1/15**

A reference that indicates the table or text maintained by the Source Qualifier

Not Used **PID08** 1073 **Yes/No Condition or Response Code** O   **ID 1/1**

Code indicating a Yes or No condition or response

Not Used **PID09** 819 **Language Code**   O   **ID 2/3**

Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

Segment:	**N1** Name
Position:	080
Loop:	N1
Level:	Heading
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	*1. Must use this 1/N1/080 loop to, as a minimum, cite the organization coordinating the disposal services and the government office receiving the transaction set.*
	2. Also use this N1 loop to identify the generator and/or treatment, storage and disposal facility (TSDF) when they are the same for ALL line items. When they vary by line item use the 2/N1/051 loop.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
Must Use N101	98	Entity Identifier Code		M ID 2/2

Code identifying an organizational entity, a physical location, or an individual

2F	State

Use as needed to indicate a state environmental agency.

C4	Contract Administration Office

Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area

For U.S. Government Shipments, must use to indicate the Government office administering the disposal effort.

GY	Treatment Facility

Must use to indicate the TSDF that disposed of the waste when a single disposal facility disposed of ALL line items.

			PK		Party to Receive Copy		

Use multiple iterations as needed to identify additional organization(s) to receive copies of the transactions set.

			SF		Ship From		

Must use to indicate the Generator when it is the same for all line items.

			SJ		Service Provider		

Identifies name and address information as pertaining to a service provider for which billing is being rendered

Must use to indicate the organization coordinating the disposal services.

	N102	**93**	**Name**			**X**	**AN 1/35**

Free-form name

Use to identify the organization only when coded means are unavailable or insufficient.

	N103	**66**	**Identification Code Qualifier**			**X**	**ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

1. Use codes 1,9, or 10 in conjunction with N101 codes C4 and PK to identify government facilities.

2. Use code 1, 9, or 33 in conjunction with N101 codes PK or SJ to identify commercial entities.

			1		D-U-N-S Number, Dun & Bradstreet		
			9		D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
			10		Department of Defense Activity Address Code (DODAAC)		
			33		Commercial and Government Entity (CAGE)		
			FA		Facility Identification		

Must use with N101 code GY to indicate the EPA facility identification number.

	N104	**67**	**Identification Code**			**X**	**AN 2/20**

Code identifying a party or other code

Not Used	**N105**	**706**	**Entity Relationship Code**			**O**	**ID 2/2**

Code describing entity relationship

	N106	**98**	**Entity Identifier Code**			**O**	**ID 2/2**

Code identifying an organizational entity, a physical location, or an individual

			FR		Message From		

Use to indicate that the organization cited in N104

transmitted the transaction set.

TO   Message To

Use to indicate that the organization in N104 is to receive the transaction set.

Segment:	**N2** Additional Name Information
Position:	090
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify additional names or those longer than 35 characters in length
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*This segment is not necessary when the organization cited in N101 is described by a code in N103/N104. If needed, use to provide additional name information of the organization identified in N102.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	N201	93	Name	M	AN 1/35
			Free-form name		
	N202	93	Name	O	AN 1/35
			Free-form name		

Segment:	**N3** Address Information	
Position:	100	
Loop:	N1	
Level:	Heading	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify the location of the named party	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:	*This segment is not necessary when the organization cited in N101 is described by a code in N103/N104. If needed, use to provide street address information of the organization identified in N102.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N301	166	**Address Information**	M	AN 1/35
			Address information		
	N302	166	**Address Information**	O	AN 1/35
			Address information		

Segment:	**N4** Geographic Location
Position:	110
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes:	*This segment is not necessary when the organization cited in N101 is described by a code in N103/N104. If needed, use to provide geographic location information of the organization identified in N102.*

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
N401	19	City Name	O	AN 2/30
		Free-form text for city name		
N402	156	State or Province Code	O	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
N403	116	Postal Code	O	ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	26	Country Code	O	ID 2/3
		Code identifying the country		
N405	309	Location Qualifier	X	ID 1/2
		Code identifying type of location		
		Refer to 003060 Data Element Dictionary for acceptable code values.		
N406	310	Location Identifier	O	AN 1/30
		Code which identifies a specific location		

Segment:	**PER** Administrative Communications Contact		
Position:	130		
Loop:	PER		
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To identify a person or office to whom administrative communications should be directed		
Syntax Notes:	1	If either PER03 or PER04 is present, then the other is required.	
	2	If either PER05 or PER06 is present, then the other is required.	
	3	If either PER07 or PER08 is present, then the other is required.	
Semantic Notes:			
Comments:			
Notes:	*1. Must use this 2/PER/130 segment in conjunction with 1/N101/80 code is SJ to identify the individual certifying disposal performance.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**PER01**	**366**	**Contact Function Code**	**M**	**ID 2/2**

Code identifying the major duty or responsibility of the person or group named

 CE Certifier

Must use in conjunction with N101 code SJ. When used must provide a name in PER02.

	Ref. Des.	Data Element	Name	Attributes	
	PER02	**93**	**Name**	**O**	**AN 1/35**

Free-form name

Provide the last name, first name, middle initial and rate/rank/title as required, of the individual. Include blank spaces between name components and periods after initials. Do not include NMN when a middle initial is not available.

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**PER03**	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**PER04**	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**PER05**	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**PER06**	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**PER07**	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

Not Used	**PER08**	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

Not Used	**PER09**	**443**	**Contact Inquiry Reference**	**O**	**AN 1/20**

Additional reference number or description to clarify a contact number

Segment:	**LIN** Item Identification	
Position:	010	
Loop:	LIN	
Level:	Detail	
Usage:	Optional (Must Use)	
Max Use:	1	
Purpose:	To specify basic item identification data	
Syntax Notes:	1	If either LIN04 or LIN05 is present, then the other is required.
	2	If either LIN06 or LIN07 is present, then the other is required.
	3	If either LIN08 or LIN09 is present, then the other is required.
	4	If either LIN10 or LIN11 is present, then the other is required.
	5	If either LIN12 or LIN13 is present, then the other is required.
	6	If either LIN14 or LIN15 is present, then the other is required.
	7	If either LIN16 or LIN17 is present, then the other is required.
	8	If either LIN18 or LIN19 is present, then the other is required.
	9	If either LIN20 or LIN21 is present, then the other is required.
	10	If either LIN22 or LIN23 is present, then the other is required.
	11	If either LIN24 or LIN25 is present, then the other is required.
	12	If either LIN26 or LIN27 is present, then the other is required.
	13	If either LIN28 or LIN29 is present, then the other is required.
	14	If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1	LIN01 is the line item identification
Comments:	1	See the Data Dictionary for a complete list of IDs.
	2	LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., or SKU.
Notes:	*Must use one or more iterations of this 2/LIN/010 loop to identify line items of waste disposed. Each iteration must identify the waste associated with a single line item.*	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	LIN01	350	Assigned Identification	O	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		
			Use in DRMS disposals to identify the delivery order contract line item number (CLIN). The delivery order associated with this CLIN is identified in 1/REF/040 or 2/REF/050.		
Must Use	LIN02	235	Product/Service ID Qualifier	M	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			CN Commodity Name		
			Use to indicate the proper shipping name.		
Must Use	LIN03	234	Product/Service ID	M	AN 1/40

			Identifying number for a product or service		
	LIN04	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			IN Buyer's Item Number		
			Must use in DRMS disposals to indicate the Hazardous Identification Number (HIN).		
	LIN05	**234**	**Product/Service ID**	**X**	**AN 1/40**
			Identifying number for a product or service		
Not Used	**LIN06**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**LIN07**	**234**	**Product/Service ID**	**X**	**AN 1/40**
			Identifying number for a product or service		
Not Used	**LIN08**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**LIN09**	**234**	**Product/Service ID**	**X**	**AN 1/40**
			Identifying number for a product or service		
Not Used	**LIN10**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**LIN11**	**234**	**Product/Service ID**	**X**	**AN 1/40**
			Identifying number for a product or service		
Not Used	**LIN12**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**LIN13**	**234**	**Product/Service ID**	**X**	**AN 1/40**
			Identifying number for a product or service		
Not Used	**LIN14**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**LIN15**	**234**	**Product/Service ID**	**X**	**AN 1/40**
			Identifying number for a product or service		
Not Used	**LIN16**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**LIN17**	**234**	**Product/Service ID**	**X**	**AN 1/40**
			Identifying number for a product or service		
Not Used	**LIN18**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		

Not Used	LIN19	234	**Product/Service ID**	X	**AN 1/40**
			Identifying number for a product or service		
Not Used	LIN20	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN21	234	**Product/Service ID**	X	**AN 1/40**
			Identifying number for a product or service		
Not Used	LIN22	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN23	234	**Product/Service ID**	X	**AN 1/40**
			Identifying number for a product or service		
Not Used	LIN24	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN25	234	**Product/Service ID**	X	**AN 1/40**
			Identifying number for a product or service		
Not Used	LIN26	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN27	234	**Product/Service ID**	X	**AN 1/40**
			Identifying number for a product or service		
Not Used	LIN28	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN29	234	**Product/Service ID**	X	**AN 1/40**
			Identifying number for a product or service		
Not Used	LIN30	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN31	234	**Product/Service ID**	X	**AN 1/40**
			Identifying number for a product or service		

Segment:	**PID** Product/Item Description
Position:	020
Loop:	LIN
Level:	Detail
Usage:	Optional
Max Use:	1000
Purpose:	To describe a product or process in coded or free-form format

Syntax Notes:	1	If PID04 is present, then PID03 is required.
	2	At least one of PID04 or PID05 is required.
	3	If PID07 is present, then PID03 is required.
	4	If PID08 is present, then PID03 is required.

Semantic Notes:	1	Use PID03 to indicate the organization that publishes the code list being referred to.
	2	PID04 should be used for industry-specific product description codes.
	3	PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
	4	PID09 is used to identify the language being used in PID05.

Comments:	1	If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
	2	Use PID06 when necessary to refer to the product surface or layer being described in the segment.
	3	PID07 specifies the individual code list of the agency specified in PID03.

Notes: *1. Use this 2/PID/020 segment to identify waste and handling codes when they vary by line item. Use the 1/PID/060 segment when ALL the waste and handling codes apply to ALL the line items.*

2. Use multiple occurrences as needed to identify multiple waste and handling codes.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
Must Use PID01	349	**Item Description Type**		M ID 1/1
		Code indicating the format of a description		
		F	Free-form	
			Use as needed to provide additional descriptive information not available by coded sources. Use in conjunction with PID02 code STL and PID05.	
		S	Structured (From Industry Code List)	
			Use to indicate EPA waste and handling codes from industry code lists. Use in conjunction with PID02 codes HZ, NH, and WT and PID04.	
Must Use PID02	750	**Product/Process Characteristic Code**		O ID 2/3
		Code identifying the general class of a product or process characteristic		

HZ	Hazardous Material	

Use with PID04 to indicate the handling code (treatment code).

NH	Non-Hazardous Material	

Use with PID04 to indicate the handling code (treatment code).

STL	State Controlled	

Use to indicate the applicable State waste code(s). Use in conjunction with PID01 code F. Cite the USPS abbreviation for the applicable state followed by a dash and then specific code in PID05.

WT	Waste	

Use to indicate the EPA waste code. Use in conjunction with PID01 code S and PID03 code EP. Use PID04 to identify the specific waste code.

	PID03	**559**	**Agency Qualifier Code**	**X**	**ID 2/2**

Code identifying the agency assigning the code values

EP	United States Environmental Protection Agency (EPA)

	PID04	**751**	**Product Description Code**	**X**	**AN 1/12**

A code from an industry code list which provides specific data about a product characteristic

	PID05	**352**	**Description**	**X**	**AN 1/80**

A free-form description to clarify the related data elements and their content

Not Used	**PID06**	**752**	**Surface/Layer/Position Code**	**O**	**ID 2/2**

Code indicating the product surface, layer or position that is being described

Not Used	**PID07**	**822**	**Source Subqualifier**	**O**	**AN 1/15**

A reference that indicates the table or text maintained by the Source Qualifier

Not Used	**PID08**	**1073**	**Yes/No Condition or Response Code**	**X**	**ID 1/1**

Code indicating a Yes or No condition or response

Not Used	**PID09**	**819**	**Language Code**	**O**	**ID 2/3**

Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

Segment:	**QTY** Quantity				
Position:	034				
Loop:	LIN				
Level:	Detail				
Usage:	Optional (Must Use)				
Max Use:	10				
Purpose:	To specify quantity information				
Syntax Notes:					
Semantic Notes:					
Comments:					
Notes:	*Must use at least two occurrences to indicate the quantities received and disposed.*				

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	QTY01	673	**Quantity Qualifier**	M	ID 2/2

Code specifying the type of quantity

87	Quantity Received	

Must use to indicate the quantity received at the final TSDF. This quantity is usually measured in weight or volume.

QU	Quantity Serviced	

Must use to indicate the quantity disposed. This quantity is usually measured in weight or volume.

V3	Transfer Quantity	

Must use to indicate the number of containers received at the final TSDF when code 87 is used to convey a weight or volume. If code 87 conveys a container count then do not use this code.

	Ref. Des.	Data Element	Name		Attributes
Must Use	QTY02	380	**Quantity**	M	R 1/15

Numeric value of quantity

	Ref. Des.	Data Element	Name		Attributes
Must Use	QTY03	C001	**Composite Unit of Measure**	O	

To identify a composite unit of measure (See Figures Appendix for examples of use)

	Ref. Des.	Data Element	Name		Attributes
Must Use	C00101	355	**Unit or Basis for Measurement Code**	M	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Code EA must be used with QTY01 code V3.

2. Use any applicable code listed below with codes QU and 87.

26	Actual Tons	
CO	Cubic Meters (Net)	
CY	Cubic Yard	

	EA	Each			
	GA	Gallon			
	KG	Kilogram			
	LB	Pound			
	LT	Liter			
	MP	Metric Ton			

Not Used C00102 1018 Exponent **O R 1/15**

Power to which a unit is raised

Not Used C00103 649 Multiplier **O R 1/10**

Value to be used as a multiplier to obtain a new value

Not Used C00104 355 Unit or Basis for Measurement Code **O ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used C00105 1018 Exponent **O R 1/15**

Power to which a unit is raised

Not Used C00106 649 Multiplier **O R 1/10**

Value to be used as a multiplier to obtain a new value

Not Used C00107 355 Unit or Basis for Measurement Code **O ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used C00108 1018 Exponent **O R 1/15**

Power to which a unit is raised

Not Used C00109 649 Multiplier **O R 1/10**

Value to be used as a multiplier to obtain a new value

Not Used C00110 355 Unit or Basis for Measurement Code **O ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used C00111 1018 Exponent **O R 1/15**

Power to which a unit is raised

Not Used C00112 649 Multiplier **O R 1/10**

Value to be used as a multiplier to obtain a new value

Not Used C00113 355 Unit or Basis for Measurement Code **O ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used C00114 1018 Exponent **O R 1/15**

Power to which a unit is raised

Not Used C00115 649 Multiplier **O R 1/10**

Value to be used as a multiplier to obtain a new value

Segment:	**DTM** Date/Time Reference		
Position:	040		
Loop:	LIN		
Level:	Detail		
Usage:	Optional		
Max Use:	10		
Purpose:	To specify pertinent dates and times		
Syntax Notes:	1	At least one of DTM02 DTM03 or DTM06 is required.	
	2	If either DTM06 or DTM07 is present, then the other is required.	
Semantic Notes:			
Comments:			
Notes:	*1. Use this 2/DTM/040 segment to identify various dates associated with the disposal when the dates vary by line item. Use the 1/DTM/050 segment when the date is the same for ALL line items.*		

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	DTM01	374	Date/Time Qualifier	M	ID 3/3

Code specifying type of date or time, or both date and time

    009   Process

                Must use to indicate the date of disposal.

    050   Received

                Must use to indicate the date received at the final TSDF.

Must Use	DTM02	373	Date	X	DT 6/6

Date (YYMMDD)

Not Used	DTM03	337	Time	X	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	DTM04	623	Time Code	O	ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

	DTM05	624	Century	O	N0 2/2

The first two characters in the designation of the year (CCYY)

Not Used	DTM06	1250	Date Time Period Format Qualifier	X	ID 2/3

Code indicating the date format, time format, or date and time format

Not Used   DTM07   1251   Date Time Period   **X   AN 1/35**

Expression of a date, a time, or range of dates, times or dates and times

Segment:	**REF** Reference Identification
Position:	050
Loop:	LIN
Level:	Detail
Usage:	Optional
Max Use:	1000
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	*1. Use this 2/REF/050 segment to identify identification numbers by line item when more than one line item is disposed. Use the 1/REF/040 segment when only a single line item is disposed.*
	2. Also use this segment to identify contract and type of container information when it varies by line item. When the information is the same for ALL line items use the 1/REF/040 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

98   Container/Packaging Specification Number

A numeric or alphanumeric identification assigned to a unique packaging/container configuration

1. Use to identify the types of containers.

2. Typically use a code from part 1 to identify the type of container with a code from part 2 to identify the material (e.g., DRM58 would be a metal drum). However, part 1 codes BRG, TKR, TNK, and VEH are used with a part 2 code. See Appendix A for more information regarding container types.

Part 1.
BAG
BOX
CYL - Cylinder
DRM - Drum

Part 2

07 - Burlap
13 - Cloth
31 - Fibre
37 - Fiberboard
58 - Metal
79 - Plastic
94 - Wood

For the following, no Part 2 is used:

BRG - Barge
TKR - Tank car
TKT - Tank truck
TNK - Tank trailer
VEH - Dump truck

	CT	Contract Number

Use to identify the contract associated with the disposal when the contract varies by line item. Use REF04 to identify the specific delivery order.

	W1	Defense Turn-In Document Number

Identifies material submitted for reutilization and marketing

Must use for DRMS disposals to indicate the DTID when more than one line item is disposed.

	REF02	127	Reference Identification	X	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	REF03	352	Description	X	AN 1/80

A free-form description to clarify the related data elements and their content

	REF04	C040	Reference Identifier		O	

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

Must Use	C04001	128	Reference Identification Qualifier	M	ID 2/3

Code qualifying the Reference Identification

	DO	Delivery Order Number

Use to indicate the specific delivery order within the contract specified in REF01/02 under which the item was disposed. This is the delivery order associated to the CLIN identified in 2/LIN/010.

Must Use	C04002	127	Reference Identification	M	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	C04003	128	Reference Identification Qualifier	X	ID 2/3

Code qualifying the Reference Identification

Not Used **C04004** **127** **Reference Identification**   **X**   **AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used **C04005** **128** **Reference Identification Qualifier**   **X**   **ID 2/3**

Code qualifying the Reference Identification

Not Used **C04006** **127** **Reference Identification**   **X**   **AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	**N1** Name	
Position:	051	
Loop:	N1	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2	N105 and N106 further define the type of entity in N101.
Notes:	*1. Use this 2/N1/051 loop to identify the TSDF performing the disposal when the information varies by line item.*	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	N101	98	**Entity Identifier Code**	**M**	**ID 2/2**
			Code identifying an organizational entity, a physical location, or an individual		
			GY Treatment Facility		
			Must use to indicate the TSDF that disposed of the waste.		
	N102	93	**Name**	**X**	**AN 1/35**
			Free-form name		
			Use to identify the organization only when coded means are unavailable or insufficient.		
	N103	66	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			FA Facility Identification		
			Must use to indicate the organization's EPA facility identification number.		
	N104	67	**Identification Code**	**X**	**AN 2/20**
			Code identifying a party or other code		
Not Used	N105	706	**Entity Relationship Code**	**O**	**ID 2/2**
			Code describing entity relationship		
Not Used	N106	98	**Entity Identifier Code**	**O**	**ID 2/2**
			Code identifying an organizational entity, a physical location, or an individual		

Segment:	**N2** **Additional Name Information**
Position:	052
Loop:	N1
Level:	Detail
Usage:	Optional
Max Use:	2
Purpose:	To specify additional names or those longer than 35 characters in length
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*This segment is not necessary when the organization cited in N101 is described by a code in N103/N104. If needed, use to provide additional name information of the organization identified in N102.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N201**	**93**	**Name**	**M** **AN 1/35**
			Free-form name	
	N202	**93**	**Name**	**O** **AN 1/35**
			Free-form name	

Segment:	**N3** **Address Information**	
Position:	053	
Loop:	N1	
Level:	Detail	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify the location of the named party	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:	*This segment is not necessary when the organization cited in N101 is described by a code in N103/N104. If needed, use to provide street address information of the organization identified in N102.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N301	166	**Address Information**	M	AN 1/35
			Address information		
	N302	166	**Address Information**	O	AN 1/35
			Address information		

Segment:	**N4** Geographic Location	
Position:	054	
Loop:	N1	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the geographic place of the named party	
Syntax Notes:	1	If N406 is present, then N405 is required.
Semantic Notes:		
Comments:	1	A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2	N402 is required only if city name (N401) is in the U.S. or Canada.
Notes:	*This segment is not necessary when the organization cited in N101 is described by a code in N103/N104. If needed, use to provide geographic location information of the organization identified in N102.*	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N401	19	**City Name**	O	**AN 2/30**
		Free-form text for city name		
N402	156	**State or Province Code**	O	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency		
N403	116	**Postal Code**	O	**ID 3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	26	**Country Code**	O	**ID 2/3**
		Code identifying the country		
N405	309	**Location Qualifier**	X	**ID 1/2**
		Code identifying type of location		
		Refer to 003060 Data Element Dictionary for acceptable code values.		
N406	310	**Location Identifier**	O	**AN 1/30**
		Code which identifies a specific location		

Segment:	**SE** Transaction Set Trailer		
Position:	010		
Loop:			
Level:	Summary		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)		
Syntax Notes:			
Semantic Notes:			
Comments:	**1**	SE is the last segment of each transaction set.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**SE01**	**96**	**Number of Included Segments**	**M N0 1/10**
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	**SE02**	**329**	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			This is the same number that appears in ST02.	